



## **Job Description:**

### **Senior Field Service Engineer/Technician - Industrial Burners and Burner Controls**

## **The Company**

PolSys Services is a young, progressive, and rapidly growing site services company. Our strategic focus is on heavy to medium-duty industrial equipment used for air pollution abatement, as well as general automated industrial control design and implementation.

## **The Position**

We are seeking an aggressive, energetic, and highly capable Field Service Engineer/Technician - Industrial Burners and Burner Controls to join our site operations team in our North Houston, Texas office. This is an excellent career growth opportunity for an experienced Field Service Engineer/Technician - Industrial Burners and Burner Controls with a demonstrated record of success.

The successful candidate will possess 3-8 years of experience servicing and maintaining electro-mechanical automated machinery (optimally, air pollution control machinery or similar), will possess an Associate's degree or better in Electrical or Mechanical Engineering, Instrumentation, or Control System Engineering or related Military training and possess an exceptional aptitude for learning and mastering mechanical, electrical, chemical, and physical processes.

This Field Service Engineer/Technician - Industrial Burners and Burner Controls position requires experience in the update, refurbishment, repair, or service of automated machinery (experience with thermal oxidizers is highly desirable) or similar types of systems (Gas-fired furnace/ovens, cookers, dryers etc.), and the ability to debug, and/or edit PLC, HMI, DCS and SCADA software is required.

The ability to assist in creating cost estimates and managing project budgets and Technician work schedules is also required. Working knowledge of thermal, catalytic, regenerative, and recuperative systems, heat exchangers, collection ductwork, and/or wet or dry scrubbers is a definite plus. High level plant Maintenance experience with significant

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electrical and automation background might also be considered as long as there is sufficient technical foundation.

A valid and current driver's license and possession of, or the ability to obtain, a valid passport and TWIC card are required for this position. Clean driving and criminal records are also required. This position requires frequent overnight and occasional overseas travel. Individuals with prior Military background and/or Spanish-speaking skills are highly desirable.

### **Position Purpose**

The experienced Field Service Engineer/Technician - Industrial Burners and Burner Controls will provide the highest-quality technical field services to both internal Engineering clients as well as directly to our customers.

Duties and Responsibilities (position may require additional duties not stated below):

- Prepare or assist in the preparation of project cost estimates when necessary.
- Provide applications engineering and technical assistance to sales and End-Users as needed
- Inspect equipment installed or assembled on-site to ensure proper installation, code compliance, and ensure the use of industry "good practices."
- Inspect, tune, calibrate, commission, and troubleshoot installed equipment for proper operation and configure equipment interfaces with customer processes
- Effectively interact and communicate with customers, sales, and site representatives, as well as internal and external project managers, in the conduct of field projects
- Clearly and efficiently communicate project status daily with internal staff and End-Users
- Assess and perform repairs, updates, adjustments, or retrofits on field equipment as required
- Provide high-level technical support to external customers and other Field Technicians at their location
- Provide on-site customer and in-house training to internal staff
- Interface with internal teams, including product Engineering, Manufacturing, and Marketing/Sales
- Assist in the development of technical documentation

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- Create and maintain service information in the company's enterprise database
- Respond to and complete field service calls in a timely and professional manner, triage with the Engineering group as appropriate
- Complete and submit all required expense reports, technical documentation, and enterprise software documentation in a timely manner
- Communicate and coordinate with the customer to ensure their satisfaction, and implement any necessary corrective actions
- Coordination and supervision of personnel, equipment, and materials for system installations at various project sites throughout the US
- Prepare, organize, and maintain product documentation, to include O&M manuals, operator instructions, P&ID's, and electrical drawings. Must also create, interpret, and implement preventative maintenance schedules
- Attend sales, Technical, and project meetings as required
- Keep abreast of evolving technology and continuously pursue quality improvement of product offering
- Work may be performed inside or outside in all types of weather conditions
- Perform or assist with onsite inspections/evaluations of various industrial air pollution abatement equipment and provide follow-up reports
- Manage projects and provide on/off-site supervision for field Technicians or Contractors
- Light to occasionally heavy travel is required. Most travel occurs on weekdays, though occasional weekend or holiday travel may be required

## **Qualifications**

- Associate's degree or higher in electrical, instrumentation, or Control/Automation discipline, or applicable Military training and experience
- Ability to read, interpret, and edit electrical line or mechanical drawings and specifications.
- Strong Electrical and Mechanical Aptitude, as well as experience with various electrical controls and automation
- Experience with technical aspects of industrial gas burners, gas trains, associated instruments, and process blowers required. Experience with chemistry and chemical processes a definite plus
- Good communicator with demonstrated leadership skills

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- Self-starter with a positive, energetic attitude
- Well organized with the ability to work independently with minimal or no supervision
- While performing duties of this job, this employee will always use appropriate PPE and follow company safety policies and procedures (outlined in the company's safety manual and company-provided safety training courses).

#### Education and Knowledge:

The successful candidate will possess an associate's degree or higher in a scientific discipline (Engineering, Chemistry, or Physics) or possess sufficient technical foundation (applicable Military or technical training or otherwise). The ability to demonstrate an exceptional aptitude for learning and mastering mechanical, electrical, chemical, and physical processes is highly desirable.

Experience with Industrial Burners and Burner Controls, as well as experience with gas trains, burners, system fans, heat exchangers, control components, and associated equipment is required.

#### Compensation

PolSys Services values our dedicated employees and is committed to providing them with a highly competitive salary (salary range for this position is between \$90,000 and \$135,000 plus inclusion in the PolSys employee incentive plan), vacation, and benefits package. Total compensation will be based on experience, qualifications, and education.

Job Type: Full-time

#### Benefits:

- 401(k)
- Dental insurance
- Employee assistance program
- Flexible spending account
- Health insurance
- Health savings account

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- Life insurance
- Paid time off
- Professional development assistance
- Referral program
- Tuition reimbursement
- Vision insurance

**Application Question(s):**

- Do you have direct experience working on gas-fired equipment such as thermal oxidizers, ovens, furnaces, or boilers? If yes, how many years?

**Education:**

Minimum Associate or sufficient technical foundation (Required)

**Experience:**

- PLC/HMI programming: 3 years (Preferred)
- Direct, Industrial gas-fired equipment: 3 years (Required)
- Siemens or Allen Bradley PLC/HMI down/upload or debug: 3 years (Required)

**Language:**

English (Required)

**Willingness to travel:**

Up to 75% (Required)

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